



Y4 Science Assessment

Working Scientifically
I can set up simple practical enquiries, comparative and fair tests
I can report on findings from enquiries, including oral and written explanations, displays or presentations
I can use results to make simple conclusions, make predictions and suggest improvements
I can use simple scientific evidence to answer questions or to support my findings
<i>Living things and their habitats</i>
I can research and describe the negative human effects on an environment such as dropping litter
I can research and describe the positive human effects on an environment such as creating nature reserves
I understand the impact humans have on my local environment
I can recognise that environments change over time
I can use keys to identify living things in my local environment
I can group plants into categories such as flowering plants and non-flowering plants
I can group animals into vertebrates and invertebrates
Animals, including humans
I can create my own food chain
I can interpret a food chain
I can identify and describe prey in a food chain
I can identify and describe a predator in a food chain
I can identify and describe a producer in a food chain
I can describe how to look after my teeth
I can compare the teeth of herbivores and omnivores
I can identify and describe the different types of teeth in humans and how they function
I can identify and describe the basic parts of the human digestive system
States of matter
I can use the terms evaporation and condensation when describing the water cycle
I can observe how materials change state when heated or cooled
I can group materials by whether they are a solid, liquid or gas
I can compare and describe solids, gases and liquids
Sound
I can describe what happens when you move away from the source of a sound
I can recognise patterns between the volume of a sound and the strength of the vibrations that produced it
I can recognise patterns between the pitch of a sound and the features of an object that produced the sound
I can describe how sounds travel to my ear e.g. vibrations through the air
I can identify how sounds are made
Electricity
I can describe how to work safely with electricity
I can identify metals that are good conductors
I can recognise and describe some common insulators
I can recognise and describe some common conductors
I can describe the impact of an open and / or closed switch on a simple series circuit

I can describe what will happen if the circuit isn't complete
I can create a simple series electrical circuit using basic parts
I can identify the basic parts of a simple series electrical circuit e.g. cells, wires, bulbs, switches and buzzers
I can identify common appliances that run on electricity